

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for debugging a first computer program code by using ~~[[of a]]~~ debugging software, the method comprising:

including breakpoint computer program code within the first computer program code, the breakpoint computer program code referring to one or more conditional breakpoints;

providing a software means for causing the debugging software to stop at ~~a breakpoint set~~ the one or more breakpoints referred to in the breakpoint computer program code; and

~~making the stopping of the debugging software dependent upon~~ based on one or more predefinable conditions referred to in the breakpoint computer program code.

2. (Original) The method of claim 1, wherein:
the one or more predefinable conditions are different for at least two breakpoints.

3. (Original) The method of claim 1, wherein:
storing the one or more predefinable conditions in a data array.

4. (Original) The method of claim 1, wherein:

the one or more predefinable conditions are identical for a predefined type of breakpoint.

5. (Original) The method of claim 1, further comprising:
storing the one or more predefinable conditions in a data array which is accessible for only one type of breakpoint.
6. (Currently Amended) The method of claim 1, wherein:
the one or more predefinable conditions are changeable during the debugging process.
7. (Original) The method of claim 1, further comprising:
storing the one or more predefinable conditions in a non-volatile memory.
8. (Currently Amended) The method of claim 1, ~~further comprising:~~
~~setting the breakpoint with~~ wherein the breakpoint computer program code
includes a macro call, ~~the macro comprising the breakpoint.~~
9. (Currently Amended) The method of claim 3, ~~further comprising:~~ wherein
the data array is editable by using a screen mask.
10. (Original) The method of claim 3, wherein:
the data array is a table.

11. (Original) The method of claim 3, wherein:

the data array is accessible for read and write operations via a graphical user interface.

12. (Currently Amended) A computer system for debugging a first computer program code by using [[a]] debugging software, comprising:

~~wherein software means are provided~~ for causing the debugging software to stop at one or more breakpoints referred to in a breakpoint set in the computer program code, the breakpoint computer program code included within the first computer program code and referring to one or more conditional breakpoints; ~~comprising:~~

a memory including program instructions;

an input means for entering data;

a storage means for storing data; and

a processor responsive to the program instructions for stopping the debugging software at a breakpoint ~~dependent upon~~ based on one or more predefinable conditions referred to in the breakpoint computer program code.

13. (Original) The computer system of claim 12, wherein:

the one or more predefinable conditions are different for at least two breakpoints.

14. (Currently Amended) The computer system of claim 12, further comprising wherein:
a data array that stores the one or more predefinable conditions ~~are stored~~
~~in a data array.~~

15. (Original) The computer system of claim 12, wherein:
the one or more predefinable conditions are identical for a predefinable
type of breakpoint.

16. (Currently Amended) The computer system of claim 12, further comprising wherein:
a data array that stores the one or more predefinable conditions ~~are stored~~
~~in a data array, which, and that~~ is accessible for only one type of breakpoint.

17. (Currently Amended) The computer system of claim 12, wherein:
the one or more predefinable conditions are changeable during the
debugging process.

18. (Currently Amended) The computer system of claim 12, further comprising wherein:
a non-volatile memory that stores the one or more predefinable conditions
~~are stored in a non-volatile memory.~~

19. (Currently Amended) The computer system of claim 12, wherein:
~~the setting of the breakpoint is achieved by setting the breakpoint~~
computer program code includes a macro call, comprising said breakpoint.
20. (Original) The computer system of claim 14, further comprising:
a screen mask for editing the data array.
21. (Original) The computer system of claim 14, wherein:
the data array is a table.
22. (Original) The computer system of claim 14, further comprising:
a graphical user interface for performing read and write operations on the
data array.
23. (Currently Amended) A computer program product embodied on a
tangible computer readable medium, the computer program product comprising:
instructions for debugging a first computer program code by ~~means of a~~
using debugging software;
breakpoint computer program code included in the first computer program
code, the breakpoint computer program code referring to one or more conditional
breakpoints;
~~which provides software means~~ instructions for causing the debugging
software to stop at a breakpoint set the one or more conditional breakpoints referred to

in the breakpoint computer program code, ~~the instructions comprising instructions for~~
~~allowing a user to perform the method of any of claims 1 to 11 when the instructions are~~
~~executed on a computer.~~

24. (Currently Amended) ~~[[A]] The computer program product data signal~~
~~embodied in a carrier wave comprising computer executable instructions which cause a~~
~~computer to perform the method according to any one of claims 1 to 11 of claim 23,~~
wherein the breakpoint computer program code includes a macro call.

25. (New) The method of claim 1, wherein the breakpoint computer program
code is a macro call included in the first computer program code, the macro call
referring to a macro not included in the first computer program code.

26. (New) The computer system of claim 12, wherein the breakpoint
computer program code is a macro call included in the first computer program code, the
macro call referring to a macro not included in the first computer program code.

27. (New) The computer program product of claim 23, wherein the breakpoint
computer program code is a macro call included in the first computer program code, the
macro call referring to a macro not included in the first computer program code.